



CONSTRUCTION EQUIPMENT

SKY LINE VOLVO L220G 12157 - TRANSMISSION (AUTO)



Sample No: VCP385580
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SKY LINE



SAMPLE INFORMATION

Sample Number	VCP385580	---	---	---
Sample Date	23 Aug 2023	---	---	---
Machine Hours	18160	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

TRI-STATE TRUCK & EQUIP INC
 5024 TRI-HILL FRONTAGE ROAD
 GREAT FALLS, MT
 US 59404
 Contact: TOM VOLK
 tomv@tste.com
 T: (406)452-9551
 F: (406)452-9831

OIL CONDITION

Visc @ 40°C	cSt	█ 17.9	---	---	---
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CONTAMINATION

Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Additive levels do not indicate the addition of a different brand, or type of fluid. The condition of the fluid is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 105	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 107	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 24	---	---	---
Phosphorus	ppm	█ 185	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 79	---	---	---

Depot: VOLVO0118
Unique No: 10628629
Signed: Doug Bogart
Report Date: 19 Sep 2023



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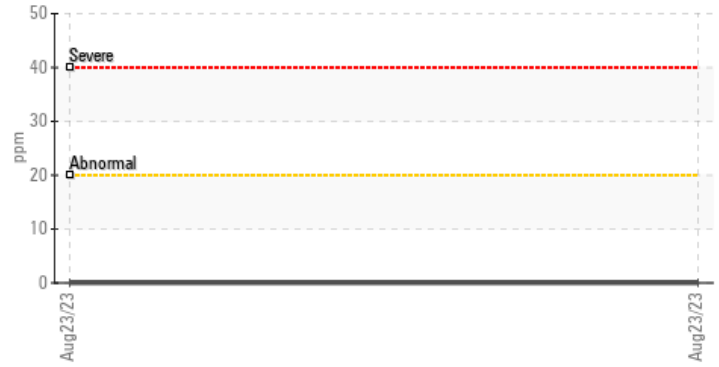


GRAPHS

Iron (ppm)



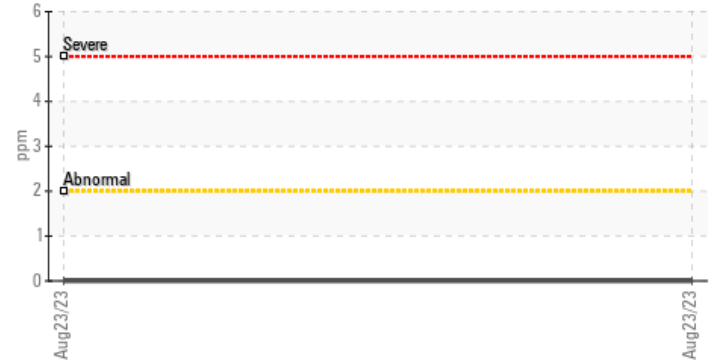
Lead (ppm)



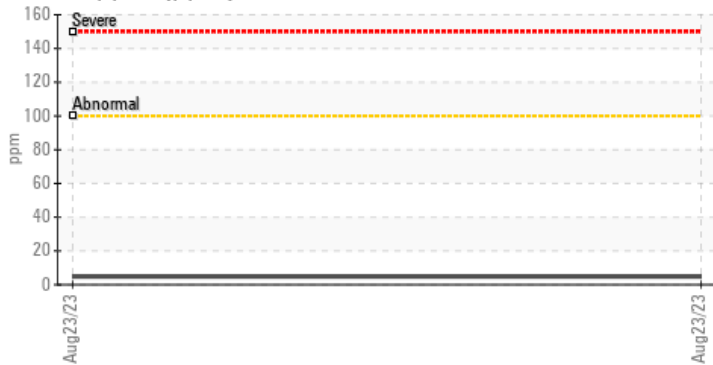
Aluminum (ppm)



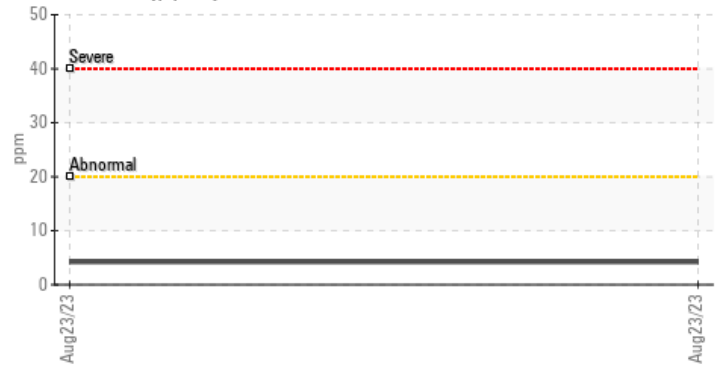
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

